Kansas Department of Agriculture Division of Water Resources

PERMIT OF NEW APPLICATION WORKSHEET

1. File Number: 49387		B	Change Date:	3. Field Office: 02	4. GM	D:
5. Status: Approved	☐ Denied by D	WR/GMD	☐ Disr	miss by Request/Fa	ilure to Return	
6. Enclosures:	⊠ N of C Form	⊠ Wa	ater Tube	☑ Driller Copy	⊠ Meter	
7a. Applicant(s) New to system □	Person ID Add Seq#		7c. Landowne New to sys	er(s) stem [Person Add Se	
CAL-MAINE FOODS INC BRIAN BALLARD, GEN PO BOX 367 CHASE KS 67524	ERAL MANAGE					
7b. Landowner(s) New to system ☐	Person ID 392 Add Seq#	245	7d. Misc. New to sys	stem 🗌	Person Add Se	
CAL-MAINE FOODS INC PO BOX 367 CHASE KS 67524						
8. WUR Correspondent New to system Overlap File (s) WUC Agree Yes No CAL-MAINE FOODS INC PO BOX 367 CHASE KS 67524	Person ID 392 Add Seq# Notarized WUC	1	☐ IRR ☐ STK ☐ HYD DRG	Groundwater REC SED WTR PWR	☐ Yes ☐ Surface \ ☐ DEW ☐ DOM ☐ ART REC	☐ MUN
10. Completion Date:	11. Perfe	ction Date:	12/31/202	1 12. Ex	xp Date:	
13. Conservation Plan Required? \(\subseteq \) \\ 14. Water Level Measuring Device? \(\subseteq \)						
				Date Prepared: 8/1		LI UJ

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KANSAS DEPARTMENT OF AGRICULTURE Division of Water Resources M E M O R A N D U M

TO: Files DATE: August 26, 2016

FROM: Leslie Ireland RE: Water Right, File Nos. 41,431; 41,432 & 41,622;

Application, File Nos. 49,385; 49,386 & 49,387

Jimmy Belk, Farm Manager for Cal-Maine Foods Inc., has filed the above referenced new applications File Nos. 49,385; 49,386 & 49,387, proposing to appropriate a combined total of 127 million gallons (389.75 acre-feet) of groundwater per calendar year for industrial use at an egg production facility in Rice County. The new applications were received on May 11, 2015. The proposed appropriation assigned File No. 49,385 is for the drilling of a new well. The requested permits under File Nos. 49,386 & 49,387, each propose a battery comprised of four(4) wells that will overlap existing batteries authorized by File Nos. 41,431 & 41,432. Applications to change the place of use, under File Nos. 41,431; 41,432 & 41,622, signed by Brian Ballard, General Manager and Jimmy Bell, Farm Manager, were submitted on May 11, 2015. The processing of the package of applications was delayed due to the certification of the existing rights.

The referenced existing rights appear to be in compliance with K.S.A. 82a-718, Abandonment of water rights; notices; hearings; review of actions; exceptions and K.S.A. 82a-732, Annual water use report required; penalty for violations. The change applications appear to comply with K.A.R. 5-5-2a, Complete change application. The new applications appear to comply with K.A.R. 5-3-1b, Complete new application. The applications comply with K.A.R. 5-3-3, Legal access. The referenced files are located in Rice County, in the Cow Creek Basin. This is an area open to new appropriations. The existing rights have had their source of supply determined as the Sanborn Formation (Equus Beds equivalent).

The egg farm facility is currently served by File Nos. 41,622; 41,432 & 41,431, authorizing a limited 57.4796 million gallons (mg) (176.4 acre-feet) from three(3) separate batteries each comprised of four(4) wells. The rights were originally permitted 277.35 million gallons (851.16 acre-feet) prior to certification.

The proposed appropriations were reviewed per K.A.R. 5-3-1a, Availability of water for appropriation-safe yield; unconfined groundwater aquifers, in combination with a review of the existing rights and the recent certification. The determination for File No. 49,385, located in the Southwest Quarter (SW1/4) of Section 19, Township 19 South, Range 9 West, found the area of 8,042 acres, with a potential annual recharge of 1.75 inches and a 75% recharge allowance, indicated a safe yield of 879.6 acre-feet, with 506 acre-feet available for appropriation. The safe yield determinations for File Nos. 49,386 & 49.387, utilizing an area of 8.042 acres with a potential annual recharge of 1.75 inches and allowing a 75% recharge allowance, indicated no quantity available for appropriation. As the overlapping rights had just recently surrendered quantity during the certification process this would make water available. The three rights certified 176.4 acre-feet of the 574 acre-feet that was originally permitted. A review of the area found that no new appropriations have been filed in the area and the 397.6 acre-feet not certified by File Nos. 41,431, 41,432 & 41,622, would be available. The referenced applications request a total combined quantity of 389.8 acre-feet (127 million gallons). It appears there is quantity available based on the certification of the senior rights.

The standard two-mile safe yield determination for File Nos. 49,386 & 49,387. yielded 879.6 acre-feet for this area, but listed 2,895 acre-feet appropriated in the study Further review found the 1994 original applications were modified to meet the area's safe yield by moving away from the rights authorized under File Nos. 10,509 & 31,389, which authorize 2,216 acre-feet currently owned by Oneok Hydrocarbon LP and 73.65 acre-feet allocated to the City of Chase, under File No. RC 004. As these nearby right are almost exactly 2 miles away and have not had their actual well locations corrected, the safe yield determination will fallow the precedent established in 1994. that time, 1994, the safe yield was determined to be 1,005 acre-feet. This along with the certification of the senior rights resulting in relinquishing 397.6 acre-feet indicates that the proposed appropriations under File Nos. 49,386 & 49,387, will have water available to The original permitting under File Nos. 41,431 & 41,432 authorized a combined 851 acre-feet (277.3 million gallons) per year and indicated their area had 1,005 acre-feet per year. The rights in this area certified a combined total of 176.5 acre-As no new permits have been issued in the area, 828.5 acre-feet would be available, to be appropriated. The permits, File Nos. 49,387 & 49,386, are requesting a combined total of 236 acre-feet (77 million gallons) per year, including the 153 acre-feet (50 million gallons) for File No. 49,385, safe yield would not be exceeded, by the permitting of the 127 million gallons (389.75 AF).

The industrial use supplemental sheet justification was the same for all of the requested permits. It appears the SIC Code of 0252 for the production of eggs is unchanged. The projected water use is expected to increase to with the additional facility in the East Half of Section 26. As they used half than 100 million gallons last year, and will be expanding the place of use to add layers beyond their initial 1,700,000 birds it appears that the total 184.4796 million gallons (566.15 AF) per year has been justified and no additional limitations will be needed.

File No.	Well ID	Quantity, MGY	RATE, gpm	Limitation
41,431	6, geo ctr	16.305	290	None
41,432	10, geo ctr	34.177	325	45.925 MGY COM/W #41,431
41,622	1, geo ctr	23.11	340	57.4796 MGY with #s 41,431 & 41,432
49,385	1	50.000	800	None
49,386	10, geo ctr	47.500	800	800 gpm with # 41,432
49,387	6, geo ctr	29.500	800	800 gpm with # 41,431

File No. 49,385

The new permit under File No. 49,385 requests 50.0 mgy (153.44 AF) of groundwater at 800 gallons per minute from a new well, proposed to be completed in the Northeast Quarter of the Southwest Quarter of the Southwest Quarter (NE¼ SW¼ SW¼) of Section 19, approximately located 900 feet North and 4,320 feet West of the Southeast corner of Section 19, Township 19 South, Range 9 West, Rice County. The location listed on the application was updated to correspond with the map. The well location was also confirmed with Matt Meier, Stafford Field Office. The new appropriation will be permitted for the full requested quantity and rate of diversion. The submitted well log completed by Clarke Well & Equipment, Incorporated, indicates a static water level of 21.9 feet to grade level and an overall depth of 76 feet. The log's lithology and information in KGS Bulletin No. 85, and 1994 summary memo for the wells constructed to the West, under File Nos. 41,431 & 41,432, indicate the source of supply to be the Sanborn formation, Equus Beds aquifer equivalent of Cow Creek. The designation of Equus Beds, Code 190 in the WRIS database will be used for this new well, per K.A.R. 5-3-4e, *Groundwater source formation codes*. The applicant did not comment on the quality of the water.

File No. 49,386

The new permit under File No. 49,386 requests 47.5 mgy (145.77 AF) of groundwater at 800 gallons per minute from an existing battery of four wells. The battery is currently authorized by File No. 41,432, with a limited quantity of 34.177 mgy when combined with File No. 41,431. The geographic center of File Nos. 49,386 & 41,431 is located in the Southeast Quarter of the Southeast Quarter (SE¼ SE¼ SE¼) of Section 24, approximately located 561 feet North and 354 feet West of the Southeast corner of Section 24, Township 19 South, Range 10 West, Rice County. The permit will be for a battery of four wells and will contain the battery construction wording. The permit will be for a complete overlap in the place of use overlapping with File Nos. 41,431; 41,432; 41,622; 49,385 & 49,386. The new appropriation will be permitted for the full requested quantity, but the rate of diversion will be limited to 800 gpm, with File No. 41,432. The proposed battery complies with K.A.R. 5-1-1, *Definitions*.

File No. 49,387

The new permit under File No. 49,387 requests 29.5 mgy (90.53 AF) of groundwater at 800 gallons per minute from an existing battery of four wells. The battery is currently authorized by File No. 41,431, for the diversion of 16.305 mgy (50 AF) at a maximum rate of 290 gallons per minute. The well locations will be updated per those determined for the certification of File No. 41,431. The geographic center for File Nos. 49,387 & 41,431 will be located in the Northeast Quarter of the Northeast Quarter of the Southeast Quarter (NE¼ NE¼SE½) of Section 24, more particularly near a point 2,245 feet North and 395 feet West of the Southeast corner of said section, in Township 19 South, Range 10 West, Rice County, Kansas. The permit will be for a battery of four wells and will contain the battery construction wording. The permit will be for a complete overlap in the place of use with File Nos. 41,431; 41,432; 41,622; 49,385 & 49,386. The new appropriation will be permitted for the full requested quantity, but the rate of diversion will be limited to 800 gpm. The proposed battery complies with K.A.R. 5-1-1, *Definitions*.

The well to well spacing per K.A.R. 5-4-4, *Well spacing*, uses 1,320 feet as a guideline for wells in this generalized aquifer. Two of the three proposed permits will overlap with existing rights that meet spacing all approximately 1,684 feet between the authorized geographic centers. The new well under File No. 49,385, in Section 19, is approximately 1,760 feet East of the geographic center authorized File Nos. 41,432 49,386. The spacing appears to be sufficient to prevent any direct impairment as this area has approximately 50 feet of saturated thickness and the recommended well to well spacing has been met.

The requested change in place of use for File Nos. 41,431; 41,432 & 41,662, will add the East Half of Section 26, Township 19, Range, 10 West. The authorized place of use for all of the referenced files will be: the South Half (S½) of Section 24, and the North Half (N½) of Section 25 and the East Half (E½) of Section 26, all in Township 19 South, Range 10 West, Rice County.

The approval of the new permits will assure compliance with K.A.R. 5-5-8. Standards for approval of an application for a change in the place of use and a change in the use made of water, and K.A.R. 5-5-3, Consumptive use, for File Nos. 41,431; 41,432 & 41,622.

Water flowmeters meeting the specifications of the Chief Engineer will be will be required. The standard check valve wording will be included on the permits and approvals. A field inspection fee of \$400.00 will be required for File Nos. 49,385; 49,386 & 49,387. A completion date of 2017 will be utilized for the new permits. Water level measurement tubes will be a condition of the permits, under File Nos. 49,385; 49,386 & 49,387, as the existing batteries were required to have tubes.

The referenced files are not located within a Ground Water Management District. Jeff Lanterman, Water Commissioner, of the Stafford Field Office was contacted for a recommendation. His concern about the actual location of the new well under File No. 49,385 prompted a confirmation from Cal-Maine Foods. Brian Ballard, General Manager with the company confirmed via e-Mail the correct location is the Southwest Quarter of Section 19. In an e-Mail dated August 25, 2016, Jeff Lanterman stated that he believed Section 19 was the only location that Cal-Maine could get water. He further stated he had no objection the new appropriations and to the proposed change in place of use under File No. 41,622; 41,432 & 41,431.

As the area is open to new appropriations and that the requested quantity appears to be reasonable and will not result in any impairment of nearby wells, the new appropriation is recommended. The proposed changes will not increase consumptive use as with the approval of the new appropriations. It is recommended that the referenced applications be approved.

Leslie Ireland

Environmental Scientist

Water Appropriation Program

1320 Research Park Drive Manhattan, Kansas 66502 (785) 564-6700



900 SW Jackson, Room 456 Topeka, Kansas 66612 (785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

September 6, 2016

CAL-MAINE FOODS, INC. BRIAN BALLARD, GENERAL MANAGER PO BOX 367 CHASE KS 67524

FILE COPY

RE: Appropriation of Water, File Nos. 49,385, 49,386 & 49,387 Water Right, File Nos. 41,432; 41,432 & 41,622

Dear Mr. Ballard:

The enclosed permits to appropriate water authorize you to proceed with construction of the diversion works (except those dams and stream obstructions regulated by K.S.A. 82a 301 through 305a), and to divert such unappropriated water as may be available from the source and at the location specified in the permits, and to use water for the purpose and at the location described in the permits under File Nos. 49,385, 49,386 & 49,387. The approvals of the applications for change in place of use under File Nos. 41,432; 41,432 & 41,622, are also enclosed.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in the permits, specifically paragraph Nos. 5, (all new permits) 19 & 20 under File Nos. 49,386 and 49,387. Water meters are required for each permit and you must be installed prior to water being put to beneficial use in order for you to maintain accurate records of water use. The meter should be used to provide the information required on the annual water use report. It does appear that meters are installed on the existing diversion works, however the Notice of Completion and instillation of the water flowmeter is required for each new appropriation permit issued.

Failure to notify the Chief Engineer of the Division of Water Resources of the completion of the diversion works under File Nos. 49,385; 49,386 & 49,387, within the time allowed, or within any authorized extension of time thereof, will result in the dismissal of the permit. Enclosed is a form which may be used to notify the Chief Engineer that the proposed diversion works have been completed. All forms are available on our website: Agriculture.ks.gov under the heading of Division of Water Resources then Water Appropriation Forms.

All requests for extensions of time to complete diversion works, or to perfect the new appropriations, under File Nos. 49,385, 49,386 & 49,387, must be submitted to the Chief Engineer before the expiration of time originally set forth in the permit to complete diversion works or to perfect an appropriation.

If for any reason, you require an extension of time for your new permits, you must request it before the expiration of time set forth in the permit. Failure to comply with this regulation will result in the dismissal of your permit or your water right. Any request for an extension of time shall be accompanied by the required statutory fee, which is currently \$100.00.

RE: File Nos. 41,432; 41,432; 41,622; 49,385; 49,386 & 49,387

There is also enclosed an information sheet setting forth the procedure to obtain a Certificate of Appropriation which will establish the extent of your new permits.

Since the orders approving the applications for change under File Nos. 41,432; 41,432 & 41,622, modifies the original certificate of appropriation, they should be recorded with the Rice County Register of Deeds as other instruments affecting real estate.

Please be reminded that reports of water usage must be submitted to this office annually. Records indicating the amount of water used by each authorized appropriation should be furnished to the Chief Engineer by March 1 following the end of the previous calendar year so that the continued use of water becomes a matter of record in this office. The owner, or his or her legally designated agent, is held responsible for submitting annual water use reports. Failure to file an accurate water use report is a violation of law which makes you subject to civil penalties.

If you have any questions, please contract Leslie Ireland, Environmental Scientist, at (785) 564-6633. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Change Applications Unit Supervisor

BAT:LI:li Enclosures

pc: Stafford Field Office

KANSAS DEPARTMENT OF AGRICULTURE Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES David W. Barfield, Chief Engineer

KITE CODA

APPROVAL OF APPLICATION and PERMIT TO PROCEED

(This Is Not a Certificate of Appropriation)

This is to certify that I have examined Application, File No. 49,387 of the applicant

Cal-Maine Foods, Inc. PO Box 367 Chase, KS 67524

for a permit to appropriate water for beneficial use, together with the maps, plans and other submitted data, and that the application is hereby approved and the applicant is hereby authorized, subject to vested rights and prior appropriations, to proceed with the construction of the proposed diversion works (except those dams and stream obstructions regulated by K.S.A. 82a-301 through 305a, as amended), and to proceed with all steps necessary for the application of the water to the approved and proposed beneficial use and otherwise perfect the proposed appropriation subject to the following terms, conditions and limitations:

- 1. That the priority date assigned to such application is **May 11, 2015.**
- 2. That the water sought to be appropriated shall be used for industrial use in the South Half (S½) of Section 24, and in the North Half (N½) of Section 25, and in the East Half (E½) of Section 26, all in Township 19 South, Range 10 West, Rice County.
- 3. That the authorized source from which the appropriation shall be made is groundwater, to be withdrawn by means of a battery of four (4) wells with a geographic center located in the Northeast Quarter of the Northeast Quarter of the Southeast Quarter (NE¼ NE¼ SE¼) of Section 24, more particularly described as being near a point 2,245 feet North and 395 feet West of the Southeast corner of said section, in Township 19 South, Range 10 West, Rice County, Kansas, located substantially as shown on the topographic map accompanying the application.
- 4. That the appropriation sought shall be limited to a maximum diversion rate not in excess of **580 gallons** per minute (1.30 c.f.s.) and to a quantity not to exceed **29.5 million gallons** (90.53 acre-feet) of water for any calendar year.
- 5. That installation of works for diversion of water shall be completed on or before <u>December 31, 2017</u> or within any authorized extension thereof. The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee of \$400.00 when construction of the works has been completed. Failure to timely submit the notice and the fee will result in revocation of the permit. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee of \$100.00.
- 6. That the proposed appropriation shall be perfected by the actual application of water to the proposed beneficial use on or before <u>December 31, 2021</u> or any authorized extension thereof. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee of \$100.00.

- 7. That the applicant shall not be deemed to have acquired a water appropriation for a quantity in excess of the amount approved herein nor in excess of the amount found by the Chief Engineer to have been actually used for the approved purpose during one calendar year subsequent to approval of the application and within the time specified for perfection or any authorized extension thereof.
- 8. That the use of water herein authorized shall not be made so as to impair any use under existing water rights nor prejudicially and unreasonably affect the public interest.
- 9. That the right of the appropriator shall relate to a specific quantity of water and such right must allow for a reasonable raising or lowering of the static water level and for the reasonable increase or decrease of the streamflow at the appropriator's point of diversion.
- 10. That this permit does not constitute authority under K.S.A. 82a-301 through 305a to construct any dam or other obstruction; nor does it grant any right-of-way, or authorize entry upon or injury to, public or private property.
- 11. That all diversion works constructed under the authority of this permit into which any type of chemical or other foreign substance will be injected into the water pumped from the diversion works shall be equipped with an in-line, automatic quick-closing, check valve capable of preventing pollution of the source of the water supply. The type of valve installed shall meet specifications adopted by the Chief Engineer and shall be maintained in an operating condition satisfactory to the Chief Engineer.
- 12. That all wells with a diversion rate of 100 gallons per minute or more drilled under the authority of this permit shall have a tube or other device installed in a manner acceptable to, and in accordance with specifications adopted by, the Chief Engineer. This tube or device shall be suitable for making water level measurements and shall be maintained in a condition satisfactory to the Chief Engineer.
- 13. That an acceptable water flow meter shall be installed and maintained on the diversion works authorized by this permit in accordance with Kansas Administrative Regulations 5-1-4 through 5-1-12 adopted by the Chief Engineer. This water flow meter shall be used to provide an accurate quantity of water diverted as required for the annual water use report (including the meter reading at the beginning and end of the report year).
- 14. That the applicant shall maintain accurate and complete records from which the quantity of water diverted during each calendar year may be readily determined and the applicant shall file an annual water use report with the Chief Engineer by March 1 following the end of each calendar year. Failure to file the annual water use report by the due date shall cause the applicant to be subject to a civil penalty.
- 15. That no water user shall engage in nor allow the waste of any water diverted under the authority of this permit.
- 16. That failure without cause to comply with provisions of the permit and its terms, conditions and limitations will result in the forfeiture of the priority date, revocation of the permit and dismissal of the application.
- 17. That the right to appropriate water under authority of this permit is subject to any minimum desirable streamflow requirements identified and established pursuant to K.S.A. 82a-703c for the source of supply to which this water right applies.

19. That the rate of diversion approved under this permit is further limited to the rate which combined with Water Right, File No. 41,431, will provide a maximum diversion rate not in excess of **580 gallons per minute** (1.30 c.f.s.) from the battery of wells at the location described herein.

20. That this permit is further limited such that all four (4) wells shall be located, within a three hundred (300) foot radius circle and all in the same local source of supply.

This Order shall become a final agency action, as defined by K.S.A. 77-607(b), without further notice to the parties, if a request for hearing or a petition for administrative review is not filed as set forth below.

Request for Hearing. According to K.A.R. 5-14-3(c), any party who desires a hearing must submit a request within 15 days after the date shown on the Certificate of Service attached to this Order. Filing a request for a hearing will give you the opportunity to submit additional facts for consideration, contest any findings made by the Chief Engineer, or present any other information you believe should be considered in this matter. A timely-filed request for hearing will stay the deadline for requesting administrative review of this Order pending the outcome of the hearing.

Petition for Review. The applicant, if aggrieved by this Order, may petition for administrative review, pursuant to K.S.A. 82a-711(c) and K.S.A. 82a-1901(a). The petition must be filed within 30 days after the date shown on the Certificate of Service attached to this Order and must set forth the basis for the review, unless stayed by the timely filing of a request for hearing.

Any request for hearing or petition for administrative review shall be in writing and shall be submitted to the attention of: Chief Legal Counsel, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, Kansas 66502, Fax: (785) 564 - 6777.

Ordered this & day of September, 2016, in Topeka, Shawnee County, Kansas.

Lane P. Letourneau, P.G.

Program Manager
Water Appropriation Program
Division of Water Resources
Kansas Department of Agriculture

State of Kansas)
) SS
County of Riley)

DANIELLE WILSON
My Appointment Expires
August 23, 2020

Notary Public

CERTIFICATE OF SERVICE

On this & day of September , 2016, I hereby certify that the foregoing Approval of Application and Permit to Proceed, File No. 49,387, dated September 6, 2016 was mailed postage prepaid, first class, US mail to the following:

Cal-Maine Foods, Inc. Brian Ballard, General Manager PO Box 367 Chase, KS 67524

With photocopies sent to:

Stafford Field Office

Division of Water Resources



KANSAS DEPARTMENT OF AGRICULTURE

Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES

David W. Barfield, Chief Engineer

File Number This item to be completed by the Division of Water Resources.

APPLICATION FOR PERMIT TO APPROPRIATE WATER FOR BENEFICIAL USE

Filing Fee Must Accompany the Application (Please refer to Fee Schedule attached to this application form.)

To the Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture,

WATER RESOURCES RECEIVED

MAY 1 1 2015

12:58
KS DEPT OF AGRICULTURE

1320 Research Park Drive, Manhattan, KS 66502: Name of Applicant (Please Print): Cal-Main Foods ING Cal-Maine Foods TUC Address: PO Box 367 State KS____ City: Chase Zip Code 67524 Telephone Number: (2 The source of water is: ☐ surface water in OR □ groundwater in Cow Creek (drainage basin) Certain streams in Kansas have minimum target flows established by law or may be subject to administration when water is released from storage for use by water assurance district members. If your application is subject to these regulations on the date we receive your application, you will be sent the appropriate form to complete and return to the Division of Water Resources. The maximum quantity of water desired is _______ acre-feet)OR 29.5 Million _ gallons per calendar year, 3. gallons per minute OR cubic feet per second. to be diverted at a maximum rate of 580 Once your application has been assigned a priority, the requested maximum rate of diversion and maximum requested quantity of water under that priority number can NOT be increased. Please be certain your requested maximum rate of diversion and maximum quantity of water are appropriate and reasonable for your proposed project and are in agreement with the Division of Water Resources' requirements. The water is intended to be appropriated for (Check use intended): (a) ☐ Artificial Recharge (b) ☐ Irrigation (c) ☐ Recreational (d)

Water Power (e) M Industrial (f) | Municipal (g) ☐ Stockwatering (h) ☐ Sediment Control (i) Domestic (j) Dewatering (k) ☐ Hydraulic Dredging (I) Fire Protection (m) ☐ Thermal Exchange (n) ☐ Contamination Remediation YOU MUST COMPLETE AND ATTACH ADDITIONAL DIVISION OF WATER RESOURCES FORM(S) PROVIDING INFORMATION TO SUBSTANTIATE YOUR REQUEST FOR THE AMOUNT OF WATER FOR THE INTENDED USE REFÉRENCED ABOVE.

F.O. Q GMD D Meets K.A.R. 5-3-1 (YES / NO) Use ND Source GVS County RC 200 TR #150172110 Receipt Date 5-7-15 Check # 8514

DWR 1-100 (Revised 02/12/2014)

For Office Use Only:

Code

* LI/OWR 7/11/16

5/18/2015 UM

5.	ihe	ocation of the proposed wells, pump s	tes or other works for diversion of water is:
	Note	 For the application to be accepted, t acre tract, unless you specifically re- specifically described, minimal legal 	the point of diversion location must be described to at least a 10 quest a 60 day period of time in which to locate the site within a quarter section of land.
Geo-Center		22.46	ter of the <u>SE</u> quarter of Section <u>24</u> , more particularly described as reet West of the Southeast corner of said section, in Township
		19 South, Range 10 West , Rice	OVGRIAPS W/ FILE NO. 41,431 B County, Kansas.
Bat 1 of 4	(B)	One in the <u>SE</u> quarter of the <u>NE</u> quart	er of the <u>SE</u> quarter of Section <u>24</u> , more particularly described as
			ieet West of the Southeast corner of said section, in Township
		<u>19</u> South, Range <u>10</u> West, <u>Rice</u>	County, Kansas.
Bat 2 of 4	(C)	One in the <u>NE</u> quarter of the <u>NE</u> quart	er of the \underline{SE} quarter of Section $\underline{24}$, more particularly described as
			200 feet West of the Southeast corner of said section, in Township
		<u>19</u> South, Range <u>10</u> West, <u>Rice</u>	County, Kansas.
Bat 3 of 4		2 <i>4</i> 44	er of the <u>SE</u> quarter of Section <u>24</u> , more particularly described as $\frac{388}{200}$ feet West of the Southeast corner of said section, in Township
D . 4 . C4	NIC	19 South, Range 10 West , Rice 25	tle 391 * County, Kansas.
	wells	, except that a single application may ir	FN & 200, W parate application shall be filed for each proposed well or battery of iclude up to four wells within a circle with a quarter (1/4) mile radius in exceed a maximum diversion rate of 20 gallons per minute per well
	four v	vells in the same local source of supply	vells connected to a common pump by a manifold; or not more than within a 300 foot radius circle which are being operated by pumps te of 800 gallons per minute and which supply water to a common
6.		owner of the point of diversion, if other	than the applicant is (please print):
	Same	e as Applicant (name,	address and telephone number)
		(name,	address and telephone number)
	lando	nust provide evidence of legal access wner's authorized representative. Prov his application. In lieu thereof, you ma	to, or control of, the point of diversion from the landowner or the ride a copy of a recorded deed, lease, easement or other document y sign the following sworn statement:
			the point of diversion described in this application from the ed representative. I declare under penalty of perjury that the
		Executed on April 16	, 20 <u>15</u> .
	Failu	pplicant must provide the required infore to complete this portion of the applicaturned to the applicant.	Applicant's Signature mation or signature irrespective of whether they are the landowner. tion will cause it to be unacceptable for filing and the application will
7.	The p	proposed project for diversion of water	will consist of <u>4 Wells and Pumps</u>
	and (was) completed (by) March 5, 1998	(number of wells, pumps or dams, etc.)
8.	The f	irst actual application of water for the p	(Month/Day/Year - each was or will be completed) roposed beneficial use was or is estimated to be ASAP WATER RESOURCES (Mo/Day/Year)
	* -	1/12/16 CCP/DWR	MAY 1 1 2015
	(B)	1/12/16 CCP/DWR I/aux 8/4/16 LI/OUL	KS DEPT DE AGRICUITURE C.C. A NINIE

SCANNED

	File No
9.	Nill pesticide, fertilizer, or other foreign substance be injected into the water pumped from the diversion works?
	☑Yes ☐ No If "yes", a check valve shall be required.
	All chemigation safety requirements must be met including a chemigation permit and reporting requirements.
10.	f you are planning to impound water, please contact the Division of Water Resources for assistance, prior to submitting the application. Please attach a reservoir area capacity table and inform us of the total acres of surface drainage area above the reservoir.
	Have you also made an application for a permit for construction of this dam and reservoir with the Division of Water Resources? □ Yes
	If yes, show the Water Structures permit number here
	If no, explain here why a Water Structures permit is not required N.A.
11.	The application <u>must</u> be supplemented by a U.S.G.S. topographic map, aerial photograph or a detailed plat showing the following information. On the topographic map, aerial photograph, or plat, identify the center of the section, the section lines or the section corners and show the appropriate section, township and range numbers. Also, please show the following information:
	a) The location of the proposed point(s) of diversion (wells, stream-bank installations, dams, or other diversion works) should be plotted as described in Paragraph No. 5 of the application, showing the North-South distance and the East-West distance from a section line or southeast corner of section.
	b) If the application is for groundwater, please show the location of any existing water wells of any kind within ½ mile of the proposed well or wells. Identify each existing well as to its use and furnish the name and mailing address of the property owner or owners. If there are no wells within ½ mile, please advise us.
	c) If the application is for surface water, the names and addresses of the landowner(s) ½ mile downstream and ½ mile upstream from your property lines must be shown.
	d) The location of the proposed place of use should be shown by crosshatching on the topographic map, aerial photograph or plat.
	 Show the location of the pipelines, canals, reservoirs or other facilities for conveying water from the point of diversion to the place of use.
	A 7.5 minute U.S.G.S. topographic map may be obtained by providing the section, township and range numbers to: Kansas Geological Survey, 1930 Constant, Campus West, University of Kansas, Lawrence, Kansas 66047.
12.	ist any application, appropriation of water, water right, or vested right file number that covers the same diversion oints or any of the same place of use described in this application. Also list any other recent modifications made of existing permits or water rights in conjunction with the filing of this application.
	Overlaps PD with 41,431. Overlaps PU with 41,431, 41,432, 41,622, and other pending applications.
	imited to prior rights after certification of prior rights & water availibity after cerfication
	WATER RESOURCES RECEIVED
	MAY 1 1 2015

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13.	Furnish the following well information if the has not been completed, give information	proposed obtained f	appropriation rom test holes	is for the use of gro , if available.	oundwater. If the well
	Information below is from: Test hole	es □V	Vell as comple	ted ⊠ Drillers	log attached
	Well location as shown in paragraph No.	(A)	(B)	(C)	(D)
	Date Drilled				
	Total depth of well				
	Depth to water bearing formation				
	Depth to static water level				
	Depth to bottom of pump intake pipe				
14.	The relationship of the applicant to the Owner (owner, tenant, agent or otherwise)	e propose	ed place whe	re the water will	be used is that of
15.	The owner(s) of the property where the wa	ater is use	d, if other than	the applicant, is (p	olease print):
	Same as Applicant (name, a	ddress and	l telephone nu	mber)	
	(name, a	ddress and	l telephone nu	mber)	
16.	The undersigned states that the information this application is submitted in good faith.	on set forth	above is true t	o the best of his/he	r knowledge and that
	Dated at <u>Chase</u> , Kans	sas, this	<u>[</u>	April (month)	, 2015. (year)
_	(Applicant Signature)				
By					
	(Agent or Officer Signature)				
	(Agent or Officer - Please Print)				
Assiste	d by <u>Matt Meier</u>	ESII	(office/title)	Date: <u>4/</u>	16/2015

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File No. _____

MAY 1 1 2015

Proposed Point of Diversion

Proposed Place of Use

Water Rights

Water Rights

Section Corner

WATER RESOURCES

4-16-20/RECEIVED

Created By: Matt Meier

MAY 1 1 2015-0. 2

Date: 4/15/2015

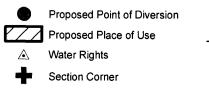
KS DEPT OF AGRICULTURE SCANNED



I declare that all water wells or diversion sites using the same source of supply and within ½ mile of the proposed point of diversion have been plotted on the application map.

WATER RESOURCES

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Signature 0 1,550 3,100 Date MAY 1 1 2015

KS DEPT OF AGRICULTURE

Created By: Matt Meier F.O. 2 Date: 4/15/2015 SCANNED

INDUSTRIAL USE SUPPLEMENTAL SHEET

		File No	•	
		Name of Applicant (Please Prin	nt): Cal-Maine Foods Inc	
1.	Please describ	be type of industry or product p	roduced: Egg Production/Processi	ing
			Standard Industrial Classificat	tion Code Number:
2.	Please comple	ete the following table to show	your past and present water require	ements:
	PA	ST PRODUCT PRODUCTIO	ON AND WATER DIVERTED, I	F APPLICABLE
L	AST 5 YEARS	AMOUNT OF PRODUCT	WATER DIVERTED (GALLONS)	GALLONS PER PRODUCT PER DAY
	1			1

3. Please complete the following table to show your future water requirements:

5 years ago

Present year

DWR 1-100.22 (07/07/2000)

Last year

ESTIMATED FUTURE PRODUCT PRODUCTION AND WATER DIVERTED

52,894,800

55,250,400

NEXT 5 YEARS	AMOUNT OF PRODUCT	WATER TO BE DIVERTED (GALLONS)	GALLONS PER PRODUCT PER DAY
Year 1		75,000,000	
Year 2		80,000,000	
Year 3		85,000,000	
Year 4		90,000,000	
Year 5		100,000,000	

Number of days of operation of the industry per year is 365 days.

Please attach any tables, curves or additional information showing past, present and estimated future water requirements to substantiate the amount of water requested.

Please designate the legal description of the location where the water is to be used. Show in the space provided below the Section (S), Township (T), and Range (R), and the number of acres in each forty acre tract or fractional portion thereof.

0			NE¼				NW¼				SW¼				SE¼				TOTAL
	1	R	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	sw	SE	NE	NW	sw	SE	TOTAL
24	19	10W									40	40	40	40	40	40	40	40	320
26-		10W	40	40	40	40									40	40	40	40	320
-20	19	10 W	40-	41/_	-4 0_	40									40	40	40	40	320
-25	19	10W	40	40	40	40	40	40	40	40									320

In 51/2 of 24, N1/2 of 25, E1/2 of 26 all in 195, 10w. Rice Co, KS. You may attach any additional information you believe will assist in informing the Division of the sour + 7/11/16

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MAY 1 1 2015

Nearby Wells

#1: WR#41,431
CAL-MAINE FOODS INC
PO BOX 367
CHASE KS 67524
(Forms PD/PU Overlap with Application)

#2: WR#41,432
CAL-MAINE FOODS INC
PO BOX 367
CHASE KS 67524
(Forms PU Overlap with Application)

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MAY 1 1 2015

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	NOTER	Battery Wel	T A WATE	r well record f	orm WWC-5	KSA 82a	-1212	
1 LOCATIO	ON OF WAT	TER WELL:	Fraction			ion Number	Township Number	Range Number
County:	Ric		SE 1/4	NE 1/4 SE	1/4	24	T 19 S	R 10 ≝ W
			-	ddress of well if located	•			
				miles north of	Chase		· · · · · · · · · · · · · · · · · · ·	
2 WATER	R WELL OW	NER:		Foods, Inc.				
RR#, St.	Address, Bo	x # :	Box 347				•	Division of Water Resources
	, ZIP Code	<u> </u>	Buhler, K	S 67522			Application Number:	41,431
3 LOCATI	E WELL'S L	OCATION WITH	DEPTH OF C	OMPLETED WELL	43	. ft. ELEVA	TION: unknown	
AN X	IN SECTIO	١ ١					l	
ī	!		WELL'S STATIC	WATER LEVEL !	∮ ft. b∈	low land sur	face measured on mo/day/y	r
	NW	- NE						umping gpm
	1							umping gpm
.≝ w ⊢	1		Bore Hole Diame	eter18in. to.	4.2 .		andi	n. to
şi w	!	!] [WELL WATER T		Public water			Injection well
17	SW	\ X	1 Domestic				9 Dewatering 12	
	1	;	2 Irrigation	4 Industrial 7	Lawn and g	arden only	10 Monitoring well	
ll L	1	1	Was a chemical/l	bacteriological sample su	ubmitted to De	partment? Ye	es; If ye	s, mo/day/yr sample was sub-
-		S	mitted			Wa	ter Well Disinfected? Yes	No X
5 TYPE	OF BLANK (CASING USED:		5 Wrought iron	8 Concre	te tile	CASING JOINTS: Glue	ed X Clamped
1 St	eel	3 RMP (SF	₹)	6 Asbestos-Cement	9 Other (specify belov	v) Wel	ded
2 P\		4 ABS		7 Fiberglass				eaded
Blank casi	ing diameter	8.5/8	in. to 35 .	ft., Dia	in. to		ft., Dia	, in. to ft.
Casing he	ight above I	and surface	24	.in., weight	• 54	Ibs./	ft. Wall thickness or gauge	No
TYPE OF	SCREEN C	R PERFORATION	N MATERIAL:		7_PV	<u> </u>	10 Asbestos-cen	nent
1 St	eel	3 Stainless	steel	5 Fiberglass	8 RM	P (SR)	11 Other (specify	/)
2 Br	ass	4 Galvaniz	ed steel	6 Concrete tile	9 ABS	3	12 None used (d	ppen hole)
SCREEN	OR PERFO	RATION OPENING	GS ARE:	5 Gauze	d wrapped		8 Saw cut	11 None (open hole)
1 Cc	ontinuous sk	ot 3 <u>M</u> i	ill slot	6 Wire w	rapped		9 Drilled holes	
2 Lo	ouvered shut	ter 4 Ke	y punched	7 Torch				
SCREEN-	PERFORAT	ED INTERVALS:						to
								to
(GRAVEL PA	CK INTERVALS:	From	30 ft. to	4.2	ft., Froi	m ft.	to
			From	£4 4				
				ft. to		ft., Fro		to ft.
6 GROU	T MATERIA	L: 1 Neat o			3 Bento			
Grout Inte			cement Lay ft. to 5 .		3 Bento	nite 4 to27	Other Bentonite	e Holeplug ft. to 3.0ft.
Grout Inte		1 Neat compacted compacted compacted compacted compacted compossible	cement Lay ft. to 5 .	2 Cement grout	3 Bento	nite 4 to27	Other Bentonite ft., From 27. tock pens 14	Holeplug the to 30 ft. Abandoned water well
Grout Inte		ource of possible 4 Later	ement5 . ft. to5 . contamination:	2 Cement grout ft., From	5 ft.	nite 4 to 27 10 Lives 11 Fuel	Other Bentonite ft., From 27. tock pens 14 storage 15	Holeplug ft. to 3.0 ft. Abandoned water well Oil well/Gas well
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COMME

3230	North B	attery Wel	T C WAIF	ER WELL RECORD FO	orm WWC-5	KSA 82a-	-1212	
1 LOCATIO	ON OF WAT	ER WELL:	Fraction			tion Number	Township Number	
County:				4 NE 14 SE	1/4	24	T 19 S	R 10 K/W
			•	address of well if located				
Appro	oximatel	y 1 mile w	rest and 2	miles north of	Chase			
2 WATER	R WELL OW	NER: Cal	-Maine Foo	ds, Inc.				
	Address, Box		347				Board of Agricult	ure, Division of Water Resource
City, State	, ZIP Code		ler, KS 6				Application Num	
LOCATE	E WELL'S LO	CATION WITH	4 DEPTH OF	COMPLETED WELL	4.3	ft. ELEVA	TION:unknow	n
→ AN "X"	IN SECTION	BOX:	Depth(s) Ground	dwater Encountered 1		ft. 2	<u>.</u>	. ft. 3
τ Γ	1							ay/yr
I	1							rs pumping gpm
-	NM	NE		•				rs pumping gpm
	- 1 1			<u> </u>				in. to
w ie		ı x	I				8 Air conditioning	
-	1	i	1 Domestic	3 Feedlot 6	Oil field wa			12 Other (Specify below)
-	SW	SE	2 Irrigation			• • •	_	,
	1	- 1						if yes, mo/day/yr sample was sub
I L		······	mitted				ter Well Disinfected? Ye	
5 TYPE	OF BLANK C	ASING USED:	1111100	5 Wrought iron	8 Concre	ete tile		Glued . X Clamped
1 St		3 RMP (S	:B)	6 Asbestos-Cement				Welded
2 P\		4 ABS	,,,,	7 Fiberglass			• /	Threaded
			in to					in. to ft.
								ige No
. •	•	R PERFORATIO		m., weight	7 <u>. PV</u>		10 Asbestos	
				E Eiberelees		<u>C</u> IP (SR)		ecify)
1 St		3 Stainles		5 Fiberglass	9 AB			ed (open hole)
2 Br		4 Galvani		6 Concrete tile		3		, ,
		RATION OPENIN			wrapped			11 None (open hole)
1	ontinuous slo	•	Mill slot	6 Wire w	• •		9 Drilled holes	
	ouvered shut		Key punched	7 Torch 6		4 5		. ft. to
SCREEN-	PERFORATI	ED INTERVALS:				•		
	004VEL DA	OK INTERVALO						. ft. toft
· '	GHAVEL PA	CK INTERVALS						ft. to
cl opour	TAATEDIAL	. 1 Nant					70 4 7 1	77-1-1
Grant late	CC	mpacted	Lay 5	4 From	5 4	to 27	# From	27ft. to30ft.
				IL., From	J 11.			14 Abandoned water well
1			contamination:					
1	-		- A - D	7 Dit mail at			TOOL POLICE	
ł		4 Late		7 Pit privy		11 Fuel	storage	15 Oil well/Gas well
	ewer lines	5 Ces	s pool	8 Sewage lagor	on	11 Fuel 12 Fertil	storage izer storage	15 Oil well/Gas well 16 Other (specify below)
1	atertight sev		s pool	• •	on	11 Fuel 12 Fertil 13 Insec	storage izer storage cticide storage	15 Oil well/Gas well 16 Other (specify below)
Direction	/atertight sev	5 Ces	s pool page pit	8 Sewage lagoo 9 Feedyard		11 Fuel 12 Fertil 13 Insec How ma	storage izer storage cticide storage	15 Oil well/Gas well 16 Other (specify below) None known
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7 CONT completed Water We under the	/atertight sew from well? TO 1 7 21 30 35 46 TRACTOR'S d on (mo/day ell Contractor business na	Topsoil Clay, grace Clay, whe Clay, whe Clay, whe Clay, whe Clay and and Clay and Clay are considered to the constant of the c	s pool page pit LITHOLOGIC ay own and grate and grate, sandy gravel, v ER'S CERTIFICA 11-14-96 185 ke Well &	8 Sewage lagor 9 Feedyard C LOG ay ay ery fine, fine TION: This water well wa This Water We Equipment, Inc.	FROM S (1) construction S (1) construction Ell Record was set fill in blanks,	11 Fuel 12 Fertil 13 Insec How ma TO Jucted, (2) rece and this rece as completed by (signal underline or circle)	storage izer storage cticide storage any feet? PLUGG WA KS onstructed, or (3) plugge ord is true to the best of on (mo/day/yr) ature) le the correct answers. Send to	15 Oil well/Gas well 16 Other (specify below) None known ING INTERVALS TER RESOURGES RECEIVED MAY 1 1 2015 DEPTOFAGRICULTURE ed under my jurisdiction and wa my knowledge and belief. Kansa 11-19-96.

3230 I	North Ba	attery Well	B WATE	R WELL RECORD		5 KSA 82a	-1212 Township	Number	R ₂	nge Nun	nber
County:	Rice	to 1 1 T to Like.	NE 14	NE 1/4 SE	1/4	24	T 19	S	R	٠.,	EZ/W
		from nearest town		address of well if located			1 13	<u> </u>	1 17		CAL VV
				miles north of							
	R WELL OW			Foods, Inc.	· · · · · · · · · · · · · · · · · · ·						
	Address, Box		Box 347	•			Board of	f Agriculture,	Division of	f Water	Resource
	, ZIP Code	:		KS 67522				ion Number:			
		OCATION WITH 4		COMPLETED WELL	42	ft. ELEVA					
AN "X"	IN SECTION	N BOX:	Depth(s) Ground WELL'S STATIO Pum	twater Encountered 1.C WATER LEVEL	16 ft.	below land sur	2	ft. on mo/day/y hours p	3		ft. gpm
	1	,		nown gpm: Well wate eter18in. to							
w -	1				5 Public wa		8 Air conditioni		I Injection		
1	i		1 Domestic				9 Dewatering	-	-		elow)
]-	- SW	SE	2 Irrigation				10 Monitoring w				
	!	,		/bacteriological sample s							
L			nitted	bacteriological sample s	Submitted to	· ·	iter Well Disinfe		is, includy	No No	
TYPE (DE BLANK (CASING USED:	mileo	E Wrought iron	9 Con/		•	JOINTS: Glu	ad X		
-		JASING USED: 3 RMP (SR	`	5 Wrought iron 6 Asbestos-Cement	8 Cond				lded		
1 Ste 2 PV		4 ABS	•				~) 				
				5 ft., Dia			# Dia	1111	in to		
				in., weight							
_	=	R PERFORATION		m., weight		· · · · · · · · · · · · · · · · · · ·		Asbestos-cer			
		3 Stainless		5 Fiberglass		IMP (SR)		Other (specif			
1 Ste 2 Br		4 Galvanize		6 Concrete tile	9 A			None used (· · · · · · ·
	-	RATION OPENING			ed wrapped	.03	8 Saw cut	AOHE USEU (•	ne (open	hole)
	ontinuous slo				wrapped		9 Drilled hole	. c	11 140	ie (open	noie)
	onlinuous sic ouvered shut	*********	y punched	7 Torch	• •		10 Other (spe				
		ED INTERVALS:		35 ft. to .		# Ero	٠.	• •			
CHEEN-	PERFURAT	EU INTERVALS.		ft. to .							
	CDAVEL DA	CK INTERVALS:		30 ft. to .							
,	GRAVEL FA	ICK INTERVALS.	From						. to		f
GROUT	T MATERIAL	1 Neat of								 3	
grout Inte	consider Ero	ompacted cl	ay 5	2 Cement grout ft., From	5 #	to 27	ft From	27	ft to	30) f
		ource of possible of					stock pens		Abandone		
		4 Latera		7 Pit privy			storage				
	ewer lines	5 Cess		8 Sewage lag			lizer storage		Other (sp		ow)
		ver lines 6 Seepa	•	9 Feedyard	0011		cticide storage		ne kno		
	atentight sev from well?	vei iiiles o seepe	ige pit	9 recayara			iny feet?				
FROM	TO	I	LITHOLOGIC	CLOG	FROM	ТО		PLUGGING	INTERVA	LS	
0	1	Topsoil									
1	20	Clay, brow	m								
20	28	Clay, gray									
28	35	Clay, whit		, sandy							
35	40			ry fine, fine,							
		some mediu									
40	45			ne, medium							
	1								RRESO		
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				TION: This water well v							
										and bel	ief. Kans
				This Water V			U	الجلما	9-96	//./	<i>.</i>
				Equipment, Inc.		by (signa		Thus	W (fo		
INSTRI	UCTIONS: Use 1	typewriter or ball point p	oen. PLEASE PRESS	FIRMLY and PRINT clearly. P 620-0001. Telephone: 913-296-	lease fill in blant	s, underline or circ	le the correct answer	ers. Send top the	ree copies to	Kansas De	partment

→		Fraction	,		ction Numbe		nip Number	Ran	ge Numl	per
County.	.ce	NE 1/4	NE 1/4 SE		24	İT	19 s	R	10	K/W
	n from nearest town or y 1 mile west			-		•				
WATER WELL OV		-Maine Foo		- Ondo						
RR#, St. Address, Bo	_	347				Board	d of Agriculture,	Division of	Water R	lesource
City, State, ZIP Code	Buh1	ler, KS 6				Appli	cation Number:	41,43	1	
LOCATE WELL'S I	LOCATION WITH 4 D	EPTH OF COM	PLETED WELL	46	ft. ELEV	ATION: ^U	nknown			
AN "X" IN SECTIO	DN BOX: Dept	th(s) Groundwat L'S STATIC W	er Encountered 1	16 ft. t	ft. below land s	2	ft. ed on mo/day/y	r		
NW	Est.	Уіем піў Уіем	st data: Well wate	rwas	ft.	after	hours p	umping		gpn
w			18 in. to							ft
	1 1 -	L WATER TO I		5 Public water			oning 11			
SW	- I SE I	1 Domestic		6 Oil field wa	,		•			
1		2 Irrigation			-		y well			
			teriological sample s	submitted to D						
	\$ mitte					ater Well Disir			No X	
TYPE OF BLANK			Wrought iron	8 Concr			G JOINTS: Glui		•	
1 Steel	3 RMP (SR)		Asbestos-Cement			=		ded		
2 PVC	4 ABS							eaded		
	r 85 / 8in. to									
	land surface		, weight						.344	
	OR PERFORATION MA			7 P\			Asbestos-cen			
1 Steel	3 Stainless stee		Fiberglass		MP (SR)		1 Other (specify	•	• • • • • •	
2 Brass	4 Galvanized st		Concrete tile	9 AE	38		2 None used (d			
	DRATION OPENINGS A			ed wrapped		8 Saw cut		11 None	e (open h	nole)
1 Continuous sl				wrapped		9 Drilled h				
2 Louvered shu CREEN-PERFORAT			7 Torch				pecify)			
	F		.39 ft. to ft. to				ft.			
	ACK INTERVALS: F	From	ft. to 32 ft. to ft. to	50	ft., Fr ft., Fr ft., Fr	om	ft. ft. ft.	to to		f f
GROUT MATERIA	ACK INTERVALS: F	From	ft. to 32 ft. to ft. to	50	ft., Fr. ft., Fr. ft., Fr. ft., Fr. onite to 29.	om	ft. ft. ft. entonite F	to to	3	
GROUT MATERIA	ACK INTERVALS: F The second of the second o	From		50	ft., Frft., Frft., Frft., Frft., Frftfrftfrftftfrft	om	ft. ft. ft. entonite F om 29	tototololeplug	3	
GROUT MATERIA rout Intervals: Fro	ACK INTERVALS: F AL: 1 Neat cemer compacted clay on	FromFromFrom	ft. to 32. ft. to ft. to ft. to Cement grout ft., From 7 Pit privy	3 Bente .5 ft.	tt., Fr. ft., Fr. ft., Fr. ft., Fr. conite to 29. 10 Live	om	ft. ft. entonite F om 29	toto to loleplugft.to Abandoned Oil well/Gas	3 . 32 water w	ell
GROUT MATERIA frout Intervals: Fro /hat is the nearest s 1 Septic tank 2 Sewer lines	ACK INTERVALS: F The second of the second o	FromFrom		3 Bente .5 ft.	tt., Fr. ft., Fr. ft.	om	ft. ft. entonite F om 29	tototo to Holeplus ft. to Abandoned	3	
GROUT MATERIA rout Intervals: Fro /hat is the nearest s 1 Septic tank 2 Sewer lines 3 Watertight se	ACK INTERVALS: F AL: 1 Neat cemer compacted clay om	FromFrom	ft. to 32ft. to ft. to ft. to Cement grout ft., From 7 Pit privy 8 Sewage lage	3 Bente .5 ft.	to	omom 4 Other . Beft., Freestock pens I storage	ft. ft. ft. entonite F om	toto to loleplug ft to Abandoned Oil well/Gas Other (spec	32water was well	ell
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GROUT MATERIA rout Intervals: From that is the nearest so sever lines as Watertight section from well? FROM TO 0 2 9	ACK INTERVALS: F T AL: 1 Neat cemer Compacted Clay om	From	ft. to 32ft. to ft. to ft. to ft. to ft. ocement grout ft., From 7 Pit privy 8 Sewage lag 9 Feedyard	3 Bento .5 ft.	tt., Fronite to	omom	ft. ft. ft. entonite F om	toto to loleplug ft to Abandoned Oil well/Gas Other (spec	32water was well	ell
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Water Rights and Points of Diversion Within 2.00 miles of point defined as: 2245 ft N and 395 ft W of the SE Corner of Section 24, T 19S, R 10W Located at: 98.370503 West Longitude and 38.382905 North Latitude

GROUNDWATER ONLY

PROPOSED POINT OF DIVERSION FILE NO. 49,387

ımber																			
mbcı	Use	ST	R Dist	(ft)	Q4	Q3	22	Q1	FeetN	FeetW	Sec	qwT	Rng	ID	Ва	tt A	uth_Quan	Add_Quan	Unit
5986 00	IRR	NK	;	8245		NC	Ξ2	SE			30	19	9W	1			39.00	39.00	AF
0509 00	IND	NK	; 1	.0311		SE	CR	NE	2700	120	22	19	10W	9			2216.50	2216.50	AF
1389 00	IND	NK	; 1	.0311		SE	CR	NE	2700	120	22	19	10W	9			1373.56	.00	AF
1431 00	IND	NK	;*	0		NE	ΝE	SE	2245	395	24	19	10W	6	G	4	50.04	50.04	AF
				100		NE	ΝE	SE	2145	397	24	19	10W	7	В	4			
				104		NE :	ΝE	SE	2349	388	24	19	10W	8	В	4			
				301		NE	ΝE	SE	2546	391	24	19	10W	9	В	4			
				304		SE	ΝE	SE	1941	403	24	19	10W	15	В	4			
1432 00	IND	NK	;*	1684		SE	SE	SE	561	354	24	19	10W	10	G	4	104.89	90.90	AF
			_ •	1786		SE	SE	SE	459	360	24	19	10W	11	В	4			
				1583		NE	SE	SE	663	351	24	19	10W	12	В	4			
			-	1387		NE	SE	SE	859	351	24	19	10W	13	В	4			
			-	1983		SE	SE	SE	262	354	24	19	10W	14	В	4			
1622 00	IND	NK	;*	3463		SW	ΝE	NE	4131	970	25	19	10W	1	G	4	70.92	35.51	AF
				3366		SW	ΝE	ΝE	4229	968	25	19	10W	2	В	4			
				3569		SW	ΝE	NE	4025	977	25	19	10W	3	В	4			
				3748		NW	SE	NE	3843	965	25	19	10W	4	В	4			
				3172		SW	ΝE	NE	4426	968	25	19	10W	5	В	4			
9385 00	IND	AY	;	4149		NE	SW	SW	900	4320	24	19	10W	17			153.44	153.44	AF
9386 00	IND	AY	}	1684		SE	SE	SE	561	354	24	19	10W	10	G	4	145.77	145.77	AF
				1786		SE	3E	SE	459	360	24	19	10W	11	В	4			
				1583		NE	SE	SE	663	351	24	19	10W	12	В	4			
				1387		NE	SE	SE	859	351	24	19	10W	13	В	4			
				1983		SE	SE	SE	262	354	24	19	10W	14	В	4			
9387 00	IND	AY	ţ	0		NE	ΝE	SE	2245	395	24	19	10W	6	G	4	90.53	90.53	AF
				100		NE	ΝE	SE	2145	397	24	19	10W	7	В	4			
				104		NE :	ΝE	SE	2349	388	24	19	10W	8	В	4			
				301		NE :	ΝE	SE	2546	391	24	19	10W	9	В	4			
				304		SE	NE	SE	1941	403	24	19	10W	15	В	4			
4 00	MUN	AA	; 1	0497					3819	744	31	19	9W	3			73.65	73.65	AF
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1583 NE SE SE 8659 351 24 19 10W 10 G 4 145.77 145.77 145.77 1786 SE SE SE 566 359 351 24 19 10W 15 B 4 1583 NE SE SE 8659 351 24 19 10W 10 G 4 165.77 145.77 145.77 1786 SE SE SE 566 359 351 24 19 10W 15 B 4 1583 NE SE SE 8659 351 24 19 10W 10 G 4 165.77 145.77 145.77 1786 SE SE SE 566 359 351 24 19 10W 10 G 6 G 4 90.53 90.53 10 10 ND AY G 0 NE NE SE 2455 395 24 19 10W 10 G 6 G 4 90.53 90.53 10 ND AY G 0 NE NE SE 2455 395 24 19 10W 10 G 6 G 4 90.53 90.53 10 ND AY G 0 NE NE SE 2455 395 24 19 10W 10 B 8 4 10 ND AY G 0 NE NE SE 2455 395 24 19 10W 10 B 8 4 10 ND AY G 10 ND AY G 0 NE NE SE 2455 395 24 19 10W 10 B 8 4 10 ND AY G 10 ND AY G

2895.35

(AF) =

TOTAL AMOUNT

.00

Water Rights and Points of Diversion Within 2.00 miles of point defined as: 98.370503 West Longitude and 38.382905 North Latitude

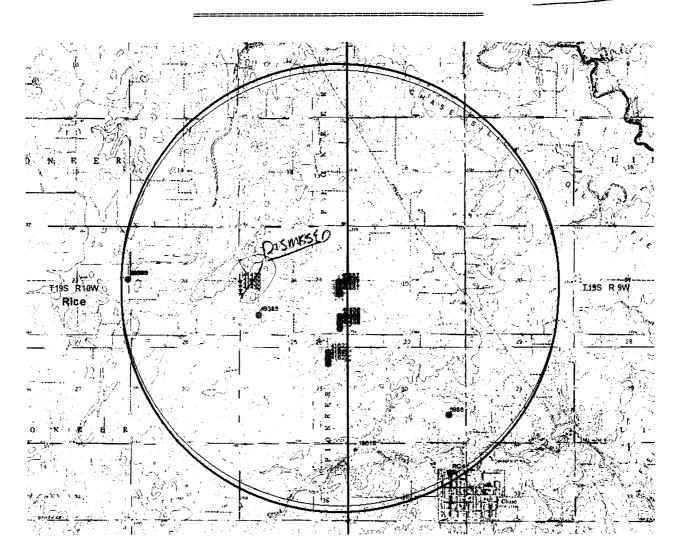
An \star after the source of supply indicates a pending application for change for the file number.

An \star after the ID indicates a 15 AF exemption was granted for the file number.

A "G" in the Batt column indicates the GEO CTR of a battery. A "B" indicates a well in the battery. The number in the Batt column is the number of wells in the battery.

Safe Yield Report Sheet Water Right- A4938700 Point of Diversion in SENENE 24-19S-10W

PROPOSSO FLEND. 49387



Analysis Results

The selected PD is in an area of to new appropriations. The safe yield, based on the variables listed below is 879.59 AF. Total prior appropriation in the circle is 2,895.35 AF. -2216.5 =Total quantity of water available for appropriation is 0.00 AF.

678.85AF.

Safe Yield Variables

The area used for the analysis is set at 8,042 acres. Potential annual recharge of the area is estimated to be 1.75 inches. The percent of recharge available for appropriation is 75%.

Authorized Quantity values are as of 13-JUL-2016 and are based on Appropriated and Vested ground water right and possible stream nodes for GMD #2. Domestic, Term and Temporary water rights have been excluded.

There are 10 water right(s) and 19 point(s) of diversion within the circle.

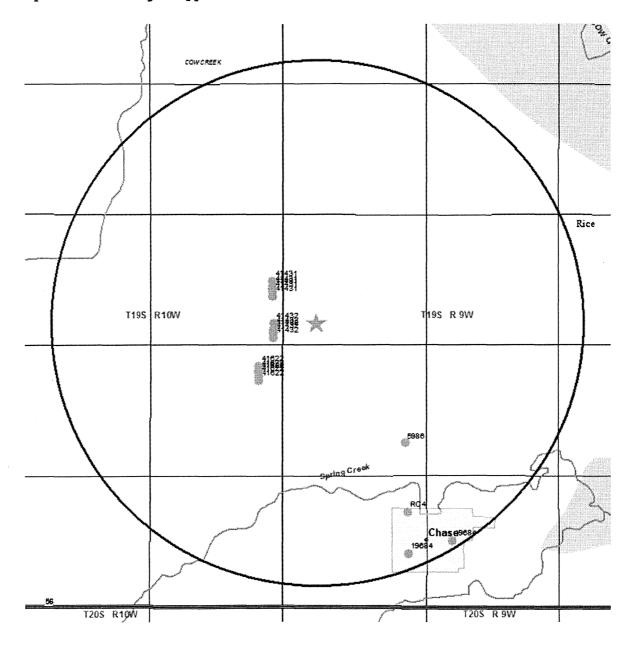
File	Number		Use	ST	SR	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Qind	Auth_Quant	Add_Quant	Tacres	Nacres
 А	 5986 0	_	TDD					 E2		0	0	30	1.0	 09W	1	- -	39.00	39.00	80.00	80.00
																			80.00	80.00
А	10509 0	U	TND	NK	G		SE	CR	ΝE	2700	120	22	19	10W	9	WR	2,216.50	2,216.50		
A	31389 0	0	IND	NK	G		SE	CR	ΝE	2700	120	22	19	10W	9	PD	1,373.56	0.00		
A	41431 0	0	IND	NK	G		SE	NE	SE	1941	403	24	19	10W	15	WR	50.04	50.04		
Same			IND	NK	G		ΝE	NE	SE	2145	397	24	19	10W	7	WR				
Same			IND	NK	G		ΝE	NE	SE	2349	388	24	19	10W	8	WR				
Same			IND	NK	G		NE	NE	SE	2546	391	24	19	10W	9	WR				
Same			IND	NK	G		ΝE	NE	SE	2245	395	24	19	10W	6	WR				
A	41432 0	0	IND	NK	G		NE	SE	SE	859	351	24	19	10W	13	WR	104.89	90.90		
Same			IND	NK	G		SE	SE	SE	262	354	24	19	10W	14	WR				
Same			IND	NK	G		SE	SE	SE	459	360	24	19	10W	11	WR				
Same			IND	NK	G		NE	SE	SE	663	351	24	19	10W	12	WR				
Same			IND	NK	G		SE	SE	SE	561	354	24	19	10W	10	WR				
A	41622 0	0	IND	NK	G		SW	ΝE	NE	4426	968	25	19	10W	5	WR	70.92	35.51		
Same			IND	NK	G		NW	SE	NE	3843	965	25	19	10W	4	WR				
Same			IND	NK	G		SW	NE	NE	4025	977	25	19	10W	3	WR				

CAMMADO

Same		IND N	K G	SW NE	NE	4131	970	25	19 10W	1	WR		
Same		IND N	IK G	SW NE	NE	4229	968	25	19 10W	2	WR		
A	49385 00	IND A	Y G	NE SW	SW	900	4320	24	19 10W	17	WR	153.44	153.44
A	49386 00	IND A	Y G	NE SE	SE	859	351	24	19 10W	13	WR	145.77	145.77
Same		IND A	Y G	SE SE	SE	262	354	24	19 10W	14	WR		
Same		IND A	Y G	SE SE	SE	459	360	24	19 10W	11	WR		
Same		IND A	Y G	NE SE	SE	663	351	24	19 10W	12	WR		
Same		IND A	Y G	SE SE	SE	561	354	24	19 10W	10	WR		
A	49387 00	IND A	Y G	SE NE	SE	1941	403	24	19 10W	15	WR	90.53	90.53
Same		IND A	Y G	NE NE	SE	2145	397	24	19 10W	7	WR		
Same		IND A	Y G	NE NE	SE	2349	388	24	19 10W	8	WR		
Same		IND A	AY G	NE NE	SE	2546	391	24	19 10W	9	WR		
Same		IND A	AY G	NE NE	SE	2245	395	24	19 10W	6	WR		
V RC	4 00	MUN A	AA G			3819	744	31	19 09W	3	WR	73.65	73.65
. 100	1 00												

Safe Yield Report Sheet

Proposed Water Right Application Point of Diversion in SENESWSW 19-19S-09W



Safe Yield Report Sheet Proposed Water Right Application Point of Diversion in SENESWSW 19-19S-09W

Analysis Results

The selected PD is in an area open to new appropriations. The safe yield, based on the variables listed below is 879.59 AF. Total prior appropriation in the circle is 373.59 AF. Total quantity of water available for appropriation is 506.00 AF.

Safe Yield Variables

The area used for the analysis is set at 8,042 acres. Potential annual recharge of the area is estimated to be 1.75 inches. The percent of recharge available for appropriation is 75%.

Authorized Quantity values are as of 12-JUL-2016 and are based on Appropriated and Vested groundwater rights. Domestic, Term and Temporary water rights have been excluded. There are 6 water right(s) and 19 point(s) of diversion within the circle.

File :	Number		Use	ST	SR	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Qind	Auth_Quant	Add_Quant	Tacres	Nacres
7	5986						NC	 E2		0	0	30	19	09W	 1	WR	39.00	√ 39.00	80.00	80.00
A															7		122.39		00.00	00.00
A	19684	00						NE		1980	660	31	19		2	WR	122.39	84.49		
Same			MUN					SW		2700	4290	32		09W	2	WR				
A	41431	00	IND	NK	G		SE	ΝE	SE	1941	403	24	19	10W	15	WR	50.04	√ 50.04		
Same			IND	NK	G		NE	NE	SE	2145	397	24	19	10W	7	WR				
Same			IND	NK	G		NE	NE	SE	2349	388	24	19	10W	8	WR				
Same			IND	NK	G		NE	NE	SE	2546	391	24	19	10W	9	WR				
Same			IND	NK	G		NE	NE	SE	2245	395	24	19	10W	6	WR				
A	41432	0.0						SE		859	351	24	19	10W	13	WR	104.89	v 90.90		
Same	11101		IND					SE		262	354	24	19	10W	14	WR				
Same			IND					SE		459	360	24	19	10W	11	WR				
Same			IND						SE	663	351	24	19	10W	1.2	WR				
Same			IND					SE		561	354	24			10	WR				
A	41622	$\cap \cap$						NE		4426	968	25		10W	5	WR	70.92	√ 35 . 51		
	41022	00	IND					SE		3843	965	25	19		4	WR	70.32	30.31		
Same															_					
Same			IND					NE		4025	977	25		10W	3	WR				
Same			IND	NK	G		SW	NE	NE	4131	970	25	19	10W	1	WR				
Same			IND	NK	G		SW	NE	NE	4229	968	25	19	10W	2	WR				
V RC	4	00	MUN	AA	G					3819	744	31	19	09W	3	WR	73.65	73.65		

Ireland, Leslie

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•	ro	m	

Lanterman, Jeff

Sent:

Friday, August 26, 2016 9:36 AM

To:

Ireland, Leslie

Conant, Cameron

Cc: Subject:

RE: Location of New Well (Cal Maine Recommendation)

RE: Recommendation for New Appropriations & Changes in PU File Nos. 49385xx 41431x Cal Maine

Leslie.

I recommend approval of these applications. I don't know if you knew the background on these but we purposely let the PP expire on the senior rights because they had already had so much time and had plenty of time to perfect on existing facilities. Hence the issues with safe yield. I do believe that any newer facilities or additions should have been covered by new applications for additional water and that is how we assisted Cal Maine. I am ok with how this panned out.

The nearest GW wells appear to be stable and not declining.

With your clarification on the section 19 well I think these are good to go. Good job on these applications.

I'll have to make some omelets this weekend!

Thanks

Jeff

From: Ireland, Leslie

Sent: Friday, August 26, 2016 8:58 AM

To: Lanterman, Jeff < Jeff.Lanterman@ks.gov>

Subject: FW: Location of New Well

Jeff,

The map was correct for 49385, document and wris wrong. Approval work will fix it all......

I let them know the package is moving forward.

Leslie

From: Brian Ballard [mailto:bballard@cmfoods.com]

Sent: Friday, August 26, 2016 8:11 AM

To: Ireland, Leslie **Cc:** JIMMY BELK

Subject: RE: Location of New Well

Leslie,

The Southwest Quarter of section 19 is the correct location of the proposed well.

Thank You,

Brian Ballard, General Manager



Cal-Maine Foods, Inc.

625 Ave K

Chase, Kansas 67524

Office Phone: 620-938-2300 Office Fax: 620-938-2344 Email: bballard@cmfoods.com

Web: http://www.calmainefoods.com

From: JIMMY BELK

Sent: Friday, August 26, 2016 7:14 AM **To:** Brian Ballard < bballard@cmfoods.com

Subject: FW: Location of New Well

From: Ireland, Leslie [mailto:Leslie.Ireland@ks.gov]

Sent: Thursday, August 25, 2016 4:02 PM

To: JIMMY BELK

Subject: Location of New Well

Jimmy,

Per our conversation we are concerned about the location of the new well that will be drilled. Sometime back there was a well proposed for the Southwest of Section 24, but the maps show the proposed well to be in the Southwest Quarter of Section 19.

The two maps that are attached are the same, (one is a topographic map the other is an aerial map) The maps that I have for the proposed new well to be permitted under File No. 49385 would place the well in the Southwest Quarter of Section 19. This new well would be just to the east of your current wells.

Please let me know if the Southwest Quarter of Section 19, is the correct location for your new well to be drilled? Thank you.

Leslie Ireland, Environmental Scientist II Kansas Department of Agriculture Division of Water Resources - Change Unit (785) 564-6633 Leslie.Ireland@ks.gov www.agriculture.ks.gov Kansas
Department of Agriculture

1320 Research Park Drive Manhattan, Kansas 66502

Jackie McClaskey, Secretary

Phone: (785) 564-6700 Fax: (785) 564-6777 Email: ksag@kda.ks.gov www.agriculture.ks.gov

Sam Brownback, Governor

May 14, 2015

CAL-MAINE FOODS INC PO BOX 367 CHASE KS 67524

RE: Application File No. 49387

Dear Sir or Madam:

Your application for permit to appropriate water in 24-19S-10W In Rice County, was received and has been assigned the file number noted above.

As a matter of record, the Division of Water Resources has on hand a large number of applications awaiting processing. Therefore to be fair to all concerned, and so that we can process those applications on hand in the order they were received, we intend to concentrate on the backlog of applications until the issue is resolved. Once review of your application has begun, we will contact you, if additional information is required.

In accordance with the provisions of the Kansas Water Appropriation Act, a portion of which is included below, the use of water as proposed prior to approval of the application is unlawful. Once approved, compliance with the terms, conditions and limitations of the permit is necessary. Conservation of the water resources of Kansas is required.

Section 82a-728 of the Kansas Water Appropriation Act, provides (a) except for the appropriation of water for the purpose of domestic use, ... it shall be unlawful for any person to appropriate or threaten to appropriate water from any source without first applying for and obtaining a permit to appropriate water in accordance with the provisions of the Water Appropriation Act or for any person to violate any condition of a vested right, appropriation right or an approved application for a permit to appropriate water for beneficial use.

(b) (1) The violation of any provision of this section by any person is a class C misdemeanor . . .

A class C misdemeanor is punishable by a fine not to exceed \$500 and/or a term of confinement not to exceed one month in the county jail. Each day that the violation occurs constitutes a separate offense.

If you have any questions, please contact me at (785) 564-6643. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Brent Turney, L.G.

Change Application Unit Supervisor

Water Appropriation Program

BAT: dlw

pc: STAFFORD Field Office

GMD